Le Roy LLC
LEAD LE ROY CONCEPT

DESIGNER AND MANUFACTURER OF LIVESTOCK EQUIPMENT

LEAD'AIR 2800E
HEAT EXCHANGER

CONTROL PROGRESSIVE VENTILATION FROM THE START

+ AIR FLOW CONTROL
+ AIR TREATMENT
+ REDUCTION OF PODODERMATITIS
+ ENERGY SAVINGS
+ SIMPLE INTEGRATED MANAGEMENT INTO THE BUILDING'S VENTILATION SYSTEM
+ EASY CLEANING AND DISINFECTION

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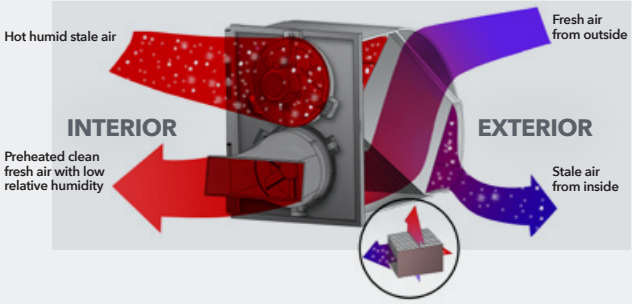
HEAT EXCHANGER

CONTROL PROGRESSIVE VENTILATION FROM THE START



AIR FLOW CONTROL

Recovers heat from the building to warm the incoming air.

Progressive ventilation and adapted air speed: controlled supply of heated fresh air.

Eliminates difficulty to control air flow.

Uniform temperature in the building.

AIR TREATMENT

Reduces emissions : up to 30% ammonia, less odours, less dust.

Helps maintain CO_2 at 3000 ppm.

Reduces relative humidity by 10-15%.

ENERGY SAVING

Delays the opening of flaps and shutters.

Saves gas.

Reduces the cost of running the building.

SIMPLE INTEGRATED MANAGEMENT WITH THE BUILDING VENTILATION

Automatic control by the building regulation with 0-10V.

Progressive ventilation according to the weight curve of the animals and the need for air renewal.

Possibility of autonomous management (RDC2 controller).

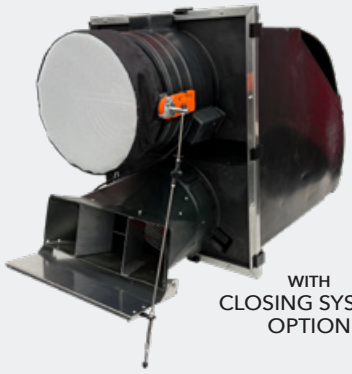
REDUCTION OF PODODERMATITIS

Drier litter.

Contributes to animal welfare.

Improves performance.

WITH CONTROL BOX AND FILTRATION SYSTEM



WITH CLOSING SYSTEM OPTION

WITH CLEANING BRUSH OPTION

EASY CLEANING & DISINFECTION

Removable exchanger block, light (14kg) and easy to handle

- for disinfection of incoming and exhaust air area.

Filtration system.

CLEANING BRUSH OPTION

For an easiest cleaning a brush on the filter is activated with the reversion of the ventilator's rotation :

- To clean easily the sticky dust
- Allows an optimum use during all the batch without human intervention

TECHNICAL CHARACTERISTICS

- **Width:** 550 mm, **height:** 725 mm
- **Fans:** 2780 rpm
- **Air volume:** 2500 m^3/h
- **Total power consumption:** 2,2A
- **Power supply:** 230V
- **Direct connection to the building control system with a 0-10V output and 2 dry contacts**
- **Corrosion resistant materials**

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